

Improve Birth Outcomes and Health of Infants, Children and Adolescents in South Dakota

- ❖ Promote early and regular prenatal care for South Dakota mothers
- ❖ Improve South Dakota's age-appropriate immunization rate
- ❖ Reduce risky behaviors among children and adolescents

Improve the Health Behaviors of South Dakotans to Reduce Chronic Disease (i.e., heart disease, cancer, stroke, diabetes)

- ❖ Enhance data collection systems to assess the chronic disease burden in South Dakota
- ❖ Strengthen our ability to promote healthy behaviors to prevent and control chronic disease
- ❖ Promote the *Healthy South Dakota Initiative* to help South Dakotans across the lifespan be physically active, eat healthy, and live healthier lives

Strengthen the Health Care Delivery System in South Dakota

- ❖ Sustain a competent workforce
- ❖ Provide effective oversight and assistance to assure quality health facilities, professionals, and services
- ❖ Sustain essential healthcare services in rural and underserved areas
- ❖ Coordinate development and use of technology for the provision of healthcare services

Accomplishment Highlights:

- Distributed over 391,500 doses of vaccine to providers statewide (public and private); dollar value of the vaccine was \$10,105,000
- Immunized over 80,000 South Dakota kids age 6 months through 18 years to protect them against influenza
- Provided Bright Start home visits to 459 high-risk pregnant women and their families (459 mothers and 478 infants and children) in Sioux Falls and Rapid City; expanded Bright Start to the Pine Ridge Reservation
- Expanded financial assistance up to 250% of federal poverty level for families in the Children's Special Health Services Program to assist them with medical bills for coverable conditions.
- Sponsored *South Dakota Schools Walk* to fight childhood obesity in grades K-6; nearly 10,000 students participated both in schools and out of school time programs
- Partnered with DSS to secure a \$150,000 Wellmark Foundation grant to implement the *Fit from the Start Initiative* in child care facilities to promote health eating and physical activity
- Provided nearly \$584,000 to 85 K-12 school districts (public, private, and tribal) to assist schools with tobacco control
- Worked with the Indian Health Care Initiative to focus on suicide prevention

Key Performance Measure Progress:

- B** Reduce the infant mortality rate from 6.6 per 1,000 births in 2003 to 6 by 2010
 - 6.5 per 1,000 births in 2007 (6.9 per 1,000 births in 2006)
- O** Increase the percent of two-year olds who are age appropriately immunized from 83.4% in 2003 to 90% by 2010
 - 85.8% of children aged 19-35 months age-appropriately immunized in 2007
- B** Reverse the trend and reduce the percent of school-aged children and adolescents who are overweight or obese from 17% in 2003 to 15% by 2010
 - 16.3% of 5-19 year olds overweight or obese (2007-08 school year)
- B** Reduce the teen pregnancy rate from 19 per 1,000 teens age 15-17 in 2003 to 15 by 2010
 - 18.0 pregnancies per 1,000 teens age 15-17 in 2007
- O** Reduce the number of youth in grades 9-12 who current smoke from 28% in 2005 to 23% by 2010
 - 25% of youth in grades 9-12 reported smoking in the past 30 days in 2007

Accomplishment Highlights:

- Established a Minority Health Workgroup to improve data collection/analysis to evaluate disparities, enhance cultural competency of health care providers, reduce barriers to health care access, and enhance minority health professional development
- Partnered with SDSU Cooperative Extension to provide technical assistance and resources to 80 local businesses interested in wellness programs focusing on nutrition and physical activity
- Launched new online survey for businesses to assess worksite environment and policies regarding wellness and health promotion
- Enrolled 1,322 new women in the *All Women Count!* Program; diagnosed 19 breast cancers and 1 cervical cancer
- Began a pilot screening program for colorectal cancer at Falls Community Health, Central SD community health centers, and Urban Indian Health
- Collaborated with Northern Plains Comprehensive Cancer Program in a colorectal screening project at Pine Ridge and training for caregivers on end of life issues
- Developed culturally appropriate tv and radio health promotion messages for the American Indian population featuring the national award-winning band Brulé
- Offered free prescription medications, nicotine gum, or nicotine patches through the SD QuitLine; since it began in January 2002, the QuitLine has assisted over 40,000 South Dakotans in their efforts to quit
- Launched www.BeFreeSD.com to promote tobacco-free places to work, live, and play

Key Performance Measure Progress:

- B** Reduce the percent of adults who are overweight or obese from 60% in 2003 to 55% in 2010
 - 65.5% of adults reported being overweight or obese in 2007
- A** Increase the percent of adults who are physically active on a regular basis from 45% in 2003 to 50% by 2010
 - 52.2% of adults reported moderate physical activity in 2007
- B** Increase the percent of adults who eat 5 fruits and vegetables a day from 19% in 2003 to 25% in 2010
 - 18.6% of adults reported eating 5 fruits and vegetables a day in 2007
- O** Reduce percent of adults who smoke cigarettes from 22.7% in 2003 to 18% by 2010
 - 19.8% of adults reported smoking in 2007

Accomplishment Highlights:

- Awarded \$194,766 to 14 critical access hospitals to develop electronic medical records, decrease medication errors, improve patient safety, and increase staff training/education
- Secured more than \$1.2 million in federal funding for rural health improvement activities
- Established the CHAMPS (Community Healthcare Allies through Mentoring, Partnering, and Solutions) Program with 250 partners functioning in local communities to implement healthcare workforce-related projects
- Secured participation of 10 dental students in the 2008 Dental Externship Program (5 with the Dental Care Mobile and 5 in private dental practices in Howard, Canton, Scotland, and Dakota Dunes)
- Conducted 636 licensure and/or certification surveys of health care facilities to assure compliance with federal, state, and local regulations; reviewed 110 construction project plans for health care facilities
- Provided regulatory oversight and registration for 4,001 controlled substance registrants; assisted law enforcement with 483 drug diversion investigations
- Secured one of 12 CMS Electronic Health Record (EHR) Demonstration grants to provide financial incentives to primary care physician practices for implementing EHRs
- Developed *Creating a Roadmap Toward Health Information Exchange* report addressing technical issues, legal/statutory challenges, data consensus, and patient/provider education for a statewide health information exchange

Key Performance Measure Progress:

- O** Decrease the percent of vacancies for health professionals from 4.9% in 2005 to 4% by 2010
 - Percent of budgeted vacancies 4.2% in 2007 (4% in 2006)
- O** Increase the percentage of South Dakota nursing facilities that participate in resident-directed or person-centered care to 50%
 - 40.9% of nursing facilities participated in resident-directed/ person-centered care as of September 2008 (26% in 2007)
- O** Maintain a closure rate of zero for rural hospitals determined to be "access critical"
 - No access critical hospitals closed in 2007
- A** At least 20% of all South Dakota hospitals use electronic medical records
 - 32% of providers sate they are using an EHR in 2007

Advance South Dakota's Response to Emerging Public Health Threats

- ❖ Develop and maintain a standardized system for assessment and response of emerging public health threats
- ❖ Enhance the state's capacity to effectively manage emerging public health threats and emergencies
- ❖ Strengthen the department's capacity to respond to environmental health issues

Accomplishment Highlights:

- Developed education measures in response to emerging diseases including human plague and MRSA
- Implemented response efforts to control outbreaks of pertussis and shigella; conducted 518 investigations, uncovering 59 cases of pertussis and 77 cases of shigella
- Conducted a large-scale foodborne disease outbreak exercise using an internet food history system to test the state's ability to manage a large-scale outbreak event
- Implemented a statewide registry of volunteer health professionals and other volunteers that are pre-credentialed and can be called upon during a natural disaster or public health emergency
- Awarded more than \$1 million in hospital preparedness funding to hospitals, key clinics, and long term care/home health facilities to increase their ability to respond to disasters and other mass casualty events
- Provided 82 hospitals and clinics with a visual diagnostic decision support system to help facilitate preparedness efforts at the point of care and bring specialist-level information to rural areas
- Awarded \$623,000 to help cities, counties, and tribes purchase mosquito control equipment and chemicals
- Conducted private water sampling for all campgrounds associated with the Sturgis Rally; 143 samples were collected with 36 unsafe water samples identified

Key Performance Measure Progress:

- ❑ Increase the percent of reportable diseases that are reported to the DOH within required time frames to 90%
 - 75% of disease reports (non-STD/HIV cases) reported within required time frame in January through September 2008
- ❑ Increase the number of public health and medical response partners connected to the Global Secure Response Management System by 100% per year (107 connections at start of 2006)
 - 1,052 connections as of December 2008
- ❑ Increase the percent of health care facilities that are able to perform key response activities to 100%
 - 100% of hospitals can meet 3 of 6 key response activities; 80% can meet all 6 key response activities



To view a copy of the complete Department of Health 2010 Initiative, go to the department's website at www.state.sd.us/doh



2010 Initiative



2008 Annual Progress Report

South Dakota Department of Health
600 East Capitol Avenue
Pierre, South Dakota 57501-2536
(605) 773-3361